


RFA

COLONIAL PRINTING INK COMPANY
470 Great Southwest Parkway
Fulton County
Atlanta, Georgia

Prepared by:

Bert Langley 

Date 12/7/89

NRAP



10735850

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1.0 INTRODUCTION

1.1 Permit, Regulatory and Ownership History

The Colonial Printing Ink Company was a manufacturer of screen printing ink. The plant was owned by Kewanee Industries, East Rutherford, New Jersey. The plant was operated from 1979 until closure in 1983.

The Atlanta plant originally filed a Part A hazardous waste permit application. Prior to the closure of the plant this permit application was withdrawn and the facility operated as a hazardous waste generator.

1.2 Objective

The purpose of this study is to complete a preliminary assessment and visual site inspection of the site and to identify any solid waste management units which may remain on the site.

1.3 Scope of Work

The current study consists of a review of all available file information in both state and federal files and a visual site inspection of the facility.

2.0 Site Description

2.1 Site Location

The Colonial Printing Ink Company was located in Fulton County, Georgia. The street address was:

Colonial Printing Ink Company
470 Great Southwest Parkway
Atlanta, Georgia 30336

2.2 Nature of Operations

The Colonial Printing Ink Company manufactured screen printing ink at the Atlanta facility. Since the facility has not operated since 1983, and the property is now occupied by Imperial Clevite, an office supply and distribution warehouse, details of the Colonial Printing Ink Company actual processes are not available. The plant was not inspected prior to closure by either state or federal environmental agency personnel. Subsequent to the plant's closure the only inspection performed was the VSI performed for the current study. Since the occupant of the site has no relationship to the Colonial Printing Ink Company no conclusions regarding the actions of Colonial Printing Ink Company could be drawn.

2.3 Site Features and Land Use

2.3.1 Land Use: Figure B-1 shows the surrounding land use. The area immediately surrounding the plant is primarily an industrial park. The plant area is zoned industrial. Within 4 miles of the plant a total of 3483

residences and 1209 industrial buildings are located. These structures were identified on the topographic map attached as figure B-4 and represent a resident population of 21,147 based on 3.8 persons per residence.

2.3.2 Hazardous Waste Storage Areas: The hazardous waste storage area consisted of a single area in the warehouse designated for storage of waste ink in drums. This area was located immediately opposite the office area of the plant.

3.0 Environmental Setting

3.1 Withdrawal and Injection Wells: The plant has no injection or withdrawal wells. The entire commercial, industrial and residential area surrounding the plant is serviced by municipal water lines.

3.2 Critical Habitats/Endangered species: A review of the pertinent literature indicates there are no designated critical habitats for endangered species in the area. Also no endangered species are expected to occur due to the urban nature of the area.

3.3 Surface Waters: The nearest surface water is Chattahoochee River which is 3300 feet northwest of the plant.

3.4 Water Resources & Utilization:

The Colonial Printing Ink Company has no ground water wells on its property and was supplied by the city of Atlanta.

3.5 Sanitary Sewers

Sanitary sewage from Colonial Printing Ink Company flowed into the Atlanta Metropolitan sanitary sewer line.

3.6 Solid Waste Management Units

Based on the results of the VSI performed on December 5, 1989 no solid waste management units were identified at the plant location. The Colonial Printing Ink plant is currently occupied by an office supply warehouse which has no connections to Colonial Printing Ink. Based on the information found in state files, the only solid waste management units expected at the plant would consist of the hazardous waste storage area and a dry trash collection bin. Examination of the files of other printing ink companies in the Atlanta area indicates that, in general, these types of facilities do not produce large quantities of waste, other than waste inks.

3.7 Site Geology And Soils

The Colonial Printing Ink Company Georgia facility is underlain by the Ben Hill Granite. This granite is described as being coarse-grained composed of muscovite, biotite, quartz, plagioclase, and microcline.

The soil at the site is an in-situ residuum derived from weathering of the granite. This residuum is termed saprolite. According to a 1958 Soil Conservation Service (SCS) survey, the site is situated on Lockhart-Cecil sandy loams. Lockhart-Cecil sandy loam is described as containing 5-35% clay and having a pH of 4.5-6.0. This range in pH is acid to medium acid in verbal classification. The SCS reports the permeability as ranging from 4×10^{-3} to 4×10^{-4} centimeters per second (cm/sec).

4.0 Visual Site Inspection

EPD conducted a site investigation on December 5, 1989. The purpose was to determine if any other potential SWMUs exist on the site and to assess the potential for off-site contamination.

No evidence of any SWMU's was found during the VSI. The plant is located in an industrial park and all surfaces are paved. Examination of the actual plant site showed no obvious signs of staining etc. which could indicate past releases from the plant site.

The Colonial Printing Ink Company site is located in a heavily industrialized portion of Fulton County. Investigations of the surrounding area in a 1 mile radius reveal many other industrial sites. There are very few undeveloped areas other than the Chattahoochee River corridor.

5.0 Conclusions

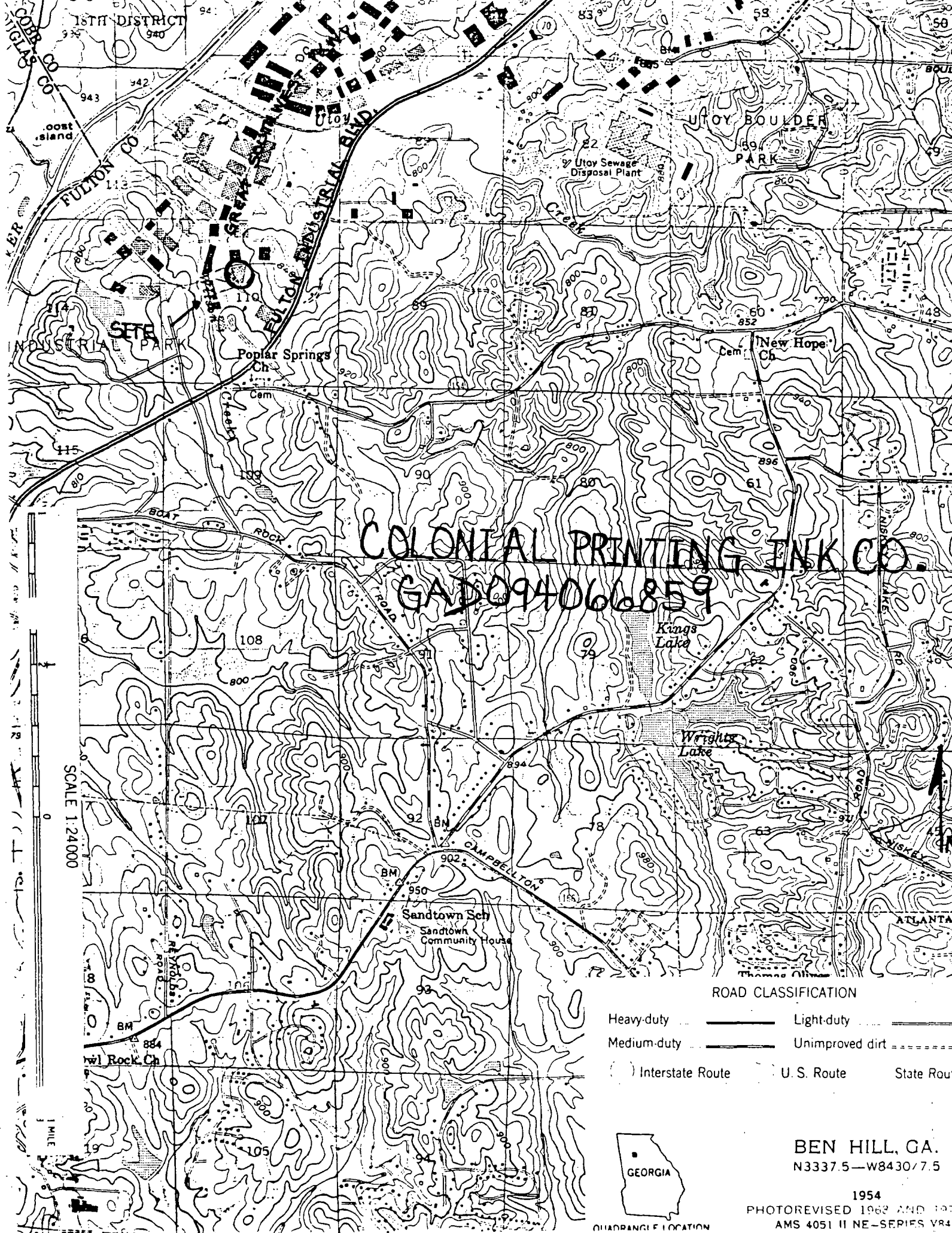
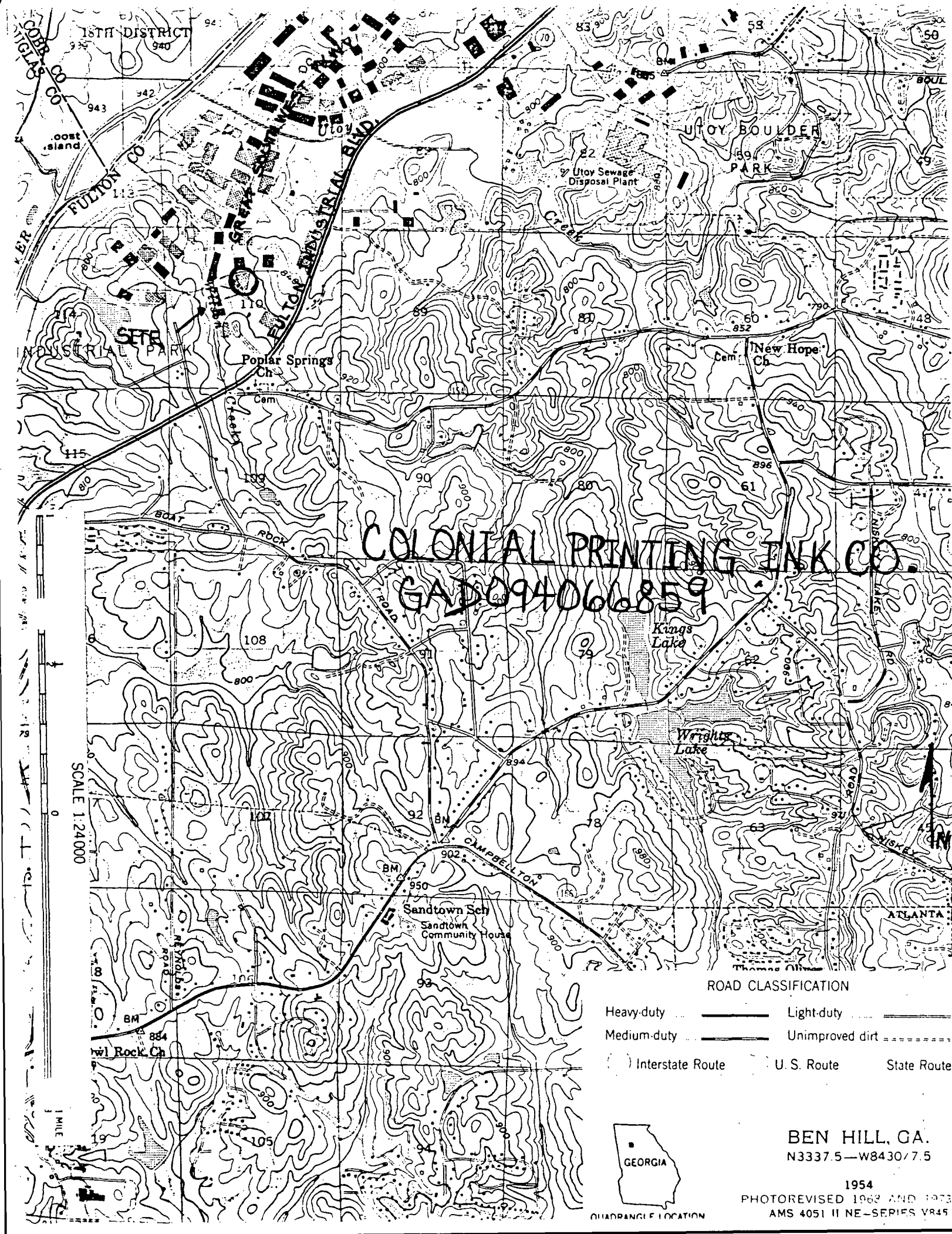
No evidence of releases from the activities of the Colonial Printing Ink Company can be documented. The plant has been closed for several years. The only hazardous waste known to be at the plant was an accumulation of approximately 1595 gallons of flammable waste ink. This material was generated during plant closure activities and manifested to Chemical Waste Management, in Emelle, Alabama for disposal. The withdrawal of the plant's Part A application, which only requested storage of waste in containers, was apparently justified, and no further action at this time is indicated.

(2422T)cm

List of Figures

Figure B-1
Figure B-2

Location Map
Colonial Printing Ink Site Plan



COLONIAL PRINTING INK CO.
GA D094066859

SCALE 1:24000

ROAD CLASSIFICATION

- | | | | |
|----------------------|-------|-----------------|-------|
| Heavy-duty | ————— | Light-duty | ————— |
| Medium-duty | ————— | Unimproved dirt | ===== |
| () Interstate Route | | U. S. Route | |
| | | State Route | |

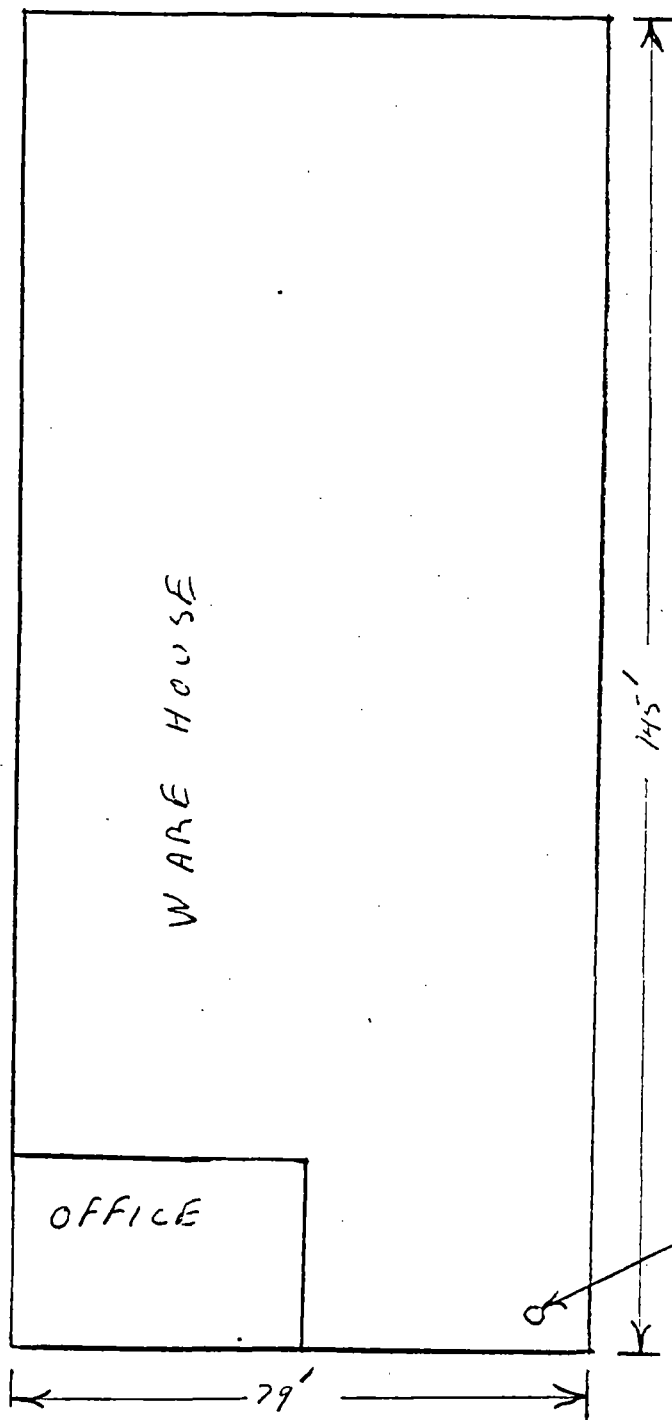


BEN HILL, GA.
N3337.5-W8430/7.5

1954
PHOTOREVISED 1962 AND 1973
AMS 4051 II NE-SERIES V845

QUADRANGLE LOCATION

V. FACILITY DRAWING (see page 4)



LOCATION OF
HAZARDOUS WASTE
55 GALLON DRUM



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
GA D094066859

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Colonial Printing Ink Company		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 470 Great Southwest Parkway			
03 CITY Atlanta	04 STATE GA	05 ZIP CODE 30336	06 COUNTY Fulton	07 COUNTY CODE 121	08 CONG DIST 05
09 COORDINATES LATITUDE 33° 44' 30.0"		LONGITUDE 084° 34' 00.0"			
10 DIRECTIONS TO SITE (Starting from nearest public road) The facility is located northeast of Villanova Drive and the Great Southwest Parkway.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Kewanee Industries, Inc.		02 STREET (Business, mailing, residential) 180 East Union Avenue			
03 CITY East Rutherford	04 STATE NJ	05 ZIP CODE 07073	06 TELEPHONE NUMBER (201) 933-6100		
07 OPERATOR (If known and different from owner) Colonial Printing Ink Company		08 STREET (Business, mailing, residential) 470 Great Southwest Parkway			
09 CITY Atlanta	10 STATE GA	11 ZIP CODE 30336	12 TELEPHONE NUMBER (404) 691-3047		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: 11/13/80 MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> C. NONE					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

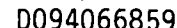
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 12/5/89 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR 1979 ENDING YEAR 1983 <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Waste Ink (flammable liquid)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Unknown					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
--	--	--	--

VI. INFORMATION AVAILABLE FROM

01 CONTACT Bert Langley	02 OF (Agency Organization) Georgia EPD		03 TELEPHONE NUMBER (404) 656-7802	
04 PERSON RESPONSIBLE FOR ASSESSMENT Bert Langley	05 AGENCY DNR-EPD	06 ORGANIZATION HWMP	07 TELEPHONE NUMBER (404) 656-7802	08 DATE 12/05/89 MONTH DAY YEAR



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

GA

D094066859

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____

(Acres)

04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA D094066859

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 1 mi.=448; 2 mi.=999; 3 mi.=2,036

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

Georgia Environmental Protection Division State Files: Colonial Printing Ink Co.
Atlanta, Georgia

Facility name: Colonial Pronting Ink Company

Location: 470 Great Southwest Parkway
Atlanta, Georgia

EPA Region: IV

Person(s) in charge of the facility: Albert K. Langley, Jr.

Name of Reviewer: _____ Date: _____

General description of the facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Closed manufacturing facility. No known releases of waste and the only hazardous substances known of were shipped off-site prior to plant closure.

Scores: $S_M = 0$ ($S_{gw} = 0$ $S_{sw} = 0$ $S_a = n/a$)
 $S_{FE} = 0$
 $S_{DC} = 0$

Surface Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1		45	4.1	
If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 .						
2 Route Characteristics					4.2	
Facility Slope and Intervening Terrain	0 1 2 3	1		3		
1-yr. 24-hr. Rainfall	0 1 2 3	1		3		
Distance to Nearest Surface Water	0 1 2 3	2		6		
Physical State	0 1 2 3	1		3		
Total Route Characteristics Score				15		
3 Containment	0 1 2 3	1	0	3	4.3	
4 Waste Characteristics					4.4	
Toxicity/Persistence	0 3 6 9 12 15 18	1		18		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				26		
5 Targets					4.5	
Surface Water Use	0 1 2 3	3		9		
Distance to a Sensitive Environment	0 1 2 3	2		6		
Population Served/Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40		
Total Targets Score				55		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			0	64,350		
7 Divide line 6 by 64,350 and multiply by 100			S _{sw} = 0			

SURFACE WATER ROUTE WORK SHEET

Ground Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1	0	45	3.1	
If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 .						
2 Route Characteristics					3.2	
Depth to Aquifer of Concern	0 1 2 3	2	4	8		
Net Precipitation	0 1 2 3	1	3	3		
Permeability of the Unsaturated Zone	0 1 2 3	1	2	3		
Physical State	0 1 2 3	1	0	3		
Total Route Characteristics Score			9	15		
3 Containment	0 1 2 3	1	0	3	3.3	
4 Waste Characteristics					3.4	
Toxicity/Persistence	0 3 6 9 12 15 18	1	15	18		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1	1	8		
Total Waste Characteristics Score			16	26		
5 Targets					3.5	
Ground Water Use	0 1 2 3		3	2	9	
Distance to Nearest Well/Population Served	0 4 8 8 10 12 16 18 20 24 30 32 35 40		1	30	40	
Total Targets Score			32	49		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			0	57.330		
7 Divide line 6 by 57.330 and multiply by 100			S _{gw} = 0			

GROUND WATER ROUTE WORK SHEET

Air Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1		45	5.1	
Date and Location:						
Sampling Protocol:						
If line 1 is 0, the $S_a = 0$. Enter on line 5 . If line 1 is 45, then proceed to line 2 .						
2 Waste Characteristics					5.2	
Reactivity and Incompatibility	0 1 2 3	1		3		
Toxicity	0 1 2 3	3		9		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				20		
3 Targets					5.3	
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30		
Distance to Sensitive Environment	0 1 2 3	2		6		
Land Use	0 1 2 3	1		3		
Total Targets Score				39		
4 Multiply 1 x 2 x 3					35,100	
5 Divide line 4 by 35,100 and multiply by 100				$S_a =$		

AIR ROUTE WORK SHEET

Fire and Explosion Work Sheet						
Rating Factor	Assigned Value (Circle One)		Multi- plier	Score	Max. Score	Ref. (Section)
1 Containment	1	3	1		3	7.1
2 Waste Characteristics						7.2
Direct Evidence	0	3	1		3	
Ignitability	0	1 2 3	1		3	
Reactivity	0	1 2 3	1		3	
Incompatibility	0	1 2 3	1		3	
Hazardous Waste Quantity	0	1 2 3 4 5 6 7 8	1		8	
Total Waste Characteristics Score					20	
3 Targets						7.3
Distance to Nearest Population	0	1 2 3 4 5	1		5	
Distance to Nearest Building	0	1 2 3	1		3	
Distance to Sensitive Environment	0	1 2 3	1		3	
Land Use	0	1 2 3	1		3	
Population Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Buildings Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Total Targets Score					24	
4 Multiply 1 x 2 x 3					1,440	
5 Divide line 4 by 1,440 and multiply by 100					SFE =	

FIRE AND EXPLOSION WORK SHEET

	s	s ²
Groundwater Route Score (S _{gw})		
Surface Water Route Score (S _{sw})		
Air Route Score (S _a)		
$S_{gw}^2 + S_{sw}^2 + S_a^2$		
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		

WORKSHEET FOR COMPUTING S_M

QA Review Draft: First Revision

Author: Langley
Date: 12/7/89

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference. Include the location of the document.

FACILITY NAME: Colonial Printing Ink Company

LOCATION: 470 Great Southwest Parkway
Fulton County
Atlanta, Georgia

DATE SCORED: 12/7/89

PERSON SCORING: Albert K. Langley, Jr.

PRIMARY SOURCE(S) OF INFORMATION (e.g., EPA region, state, FIT, etc.):

EPA, Region IV; GAEPD

FACTORS NOT SCORED DUE TO INSUFFICIENT INFORMATION:

Air route was not scored due to the absence of air sampling data.

COMMENTS OR QUALIFICATIONS:

GROUND WATER ROUTE

1 OBSERVED RELEASE No observed release

Contaminants detected (5 maximum):

none

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifer(s) of concern:

Principal Artesian aquifer and overlying interconnected aquifers.

Depth(s) from the ground surface to the highest seasonal level of the saturated zone (water table(s) of the aquifer(s) of concern:

Depth to groundwater at nearby facilities is between 25-50 feet depending on the amount of fill.

Depth from the ground surface to the lowest point of waste disposal/storage:

No waste disposal known on the site.

QA Review Draft: First Revision

Author: Langley
Date: 12/7/89

Name/descriptions of aquifers of concern:

N/A

QA Review Draft: First Revision

Author: Langley

Date: 12/7/89

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

Net precipitation averaged 22-25 inches per year.

Mean annual precipitation is 65 inches per year from hrs manual

Mean annual lake or seasonal evaporation (list months for seasonal):

Annual evaporation is 42 inches per year

as taken from hrs manual.

Net precipitation (subtract the above figures):

Net prec. =
= + 22

Permeability of Unsaturated Zone Value - 10^{-3} - 10^{-4} cm/sec.

Soil type in unsaturated zone:

in-situ residuum from the weathering of granite. Little natural soil remaining at site since most of the area has been subjected to extensive cut and fill for construction purposes.

Permeability associated with soil type:

10^{-3} - 10^{-4} cm/sec.

Physical State Value - 0

Physical state of substances at time of disposal (or at present time for generated gases):

The only known waste on the site was containers of ink. They were disposed of off-site. No waste currently is on-site.

QA Review Draft: First Revision

Author: Langley
Date: 12/7/89

3 CONTAINMENT

Containment Value - 0

Method(s) of waste or leachate containment evaluated:

No waste is on-site. The only known waste was drums of ink disposed of when the facility closed in 1983.

Method with highest score:

0

4 WASTE CHARACTERISTICS

Toxicity and Persistence Matrix Score - 15

Compound(s) evaluated:

Waste Ink was the only material known on the site. This ink was disposed of as a flammable waste, but it is suspected that it may also contain some heavy metals.

Compound with highest score:

Waste was scored on the basis of possible heavy metal content such as arsenic or chrome.

Hazardous Waste Quantity Value A total of 44 drums of waste was shipped off-site

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

There is no known waste at the site and no reason to suspect any.

Basis of estimating and/or computing waste quantity:

QA Review Draft: First Revision

Author: Langley
Date: 12/7/89

Total Quantity of Hazardous Substances at the Facility:

There are no known hazardous substances at the site.

5 TARGETS

Ground Water Use Value - 2

Distance to Nearest Well Value Distance to nearest well was scored as less than one mile, although no wells are known of in the area.
Location of nearest well drawing from aquifer of concern or occupied building not
There are no known or identified wells within 3 miles of the site.

Distance to above well or building:

N/A

Population Served by Ground Water Wells Within a 3-Mile Radius Value -

Identify water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

No wells identified. Score however, was based on the entire population drinking from wells so as to assume the worst case.

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

None

Total population served by ground water within a 3-mile radius:

None

SURFACE WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

No observed release. Since Containment value is zero, since there is no waste on-site, and the only waste known of was completely removed and had never been outside the containers. The remainder of the route was not scored since a containment of zero results in a zero score for the route.

Rationale for attributing the contaminants to the facility:

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain Value -

Average slope of facility in percent:

Name/description of nearest downslope surface water:

Average slope of terrain between facility and above-cited surface water body in percent:

Is the facility located either totally or partially in surface water?

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

No observed release and no monitoring data so the route was not scored.

Date and location of detection of contaminants

Methods used to detect the contaminants:

Rationale for attributing the contaminants to the site:

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Most incompatible pair of compounds:

RECONNAISSANCE CHECKLIST FOR HRS2 CONCERNS

Instructions: Obtain as much "up front" information as possible prior to conducting fieldwork. Complete the form in as much detail as you can, providing attachments as necessary. Cite the source for all information obtained.

Site name: Colonial Printing Ink Company.

City, County, State: Atlanta, Fulton, Georgia

EPA ID No.:

Person responsible for form: Albert K. Langley, Jr.

Date: 12/7/89

Air Pathway

Describe any potential air emission sources onsite:

none

Identify any sensitive environments within 4 miles:

Chatahoochee river

Identify the maximally exposed individual (nearest residence or regularly occupied building workers do count):

on-site worker

Groundwater Pathway

Identify any areas of karst terrain:

none

Identify additional population due to consideration of wells completed in overlying aquifers to the AOC:

none

Do significant targets exist between 3 and 4 miles from the site?

yes

Is the AOC a sole source aquifer according to Safe Drinking Water Act? (i.e. is the site located in Dade, Broward, Volusia, Putnam, or Flagler County, Florida)

no

Surface Water Pathway

Are there intakes located on the extended 15-mile migration pathway?
yes

Are there recreational areas, sensitive environments, or human food chain targets (fisheries) along the extended pathway?

yes, river used for recreation and fishing

Onsite Exposure Pathway

Is there waste or contaminated soil onsite at 2 feet below land surface or higher?
no

Is the site accessible to non-employees (workers do not count)?
yes

Are there residences, schools, or daycare centers onsite or in close proximity?
yes

Are there barriers to travel (e.g., a river) within one mile?
yes

U.S. EPA REGION IV

SDMS

Unscannable Material Target Sheet

DocID: 10735850

Site ID: GA D074046859

Site Name: Colonial Printing Ink Company

Nature of Material:

Map:

☒

Computer Disks:

☐

Photos:

☐

CD-ROM:

☐

Blueprints:

☐

Oversized Report:

☐

Slides:

☐

Log Book:

☐

Other (describe):

Medium Map

Amount of material:

* Please contact the appropriate Records Center to view the material *